

# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 32]

NEW DELHI, SATURDAY, AUGUST 8, 1992 (SRAVANA 17, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 8th August 1992

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1—187 G1/92

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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
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5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

Rest of India. —

Telegraphic address "PATENTS".

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## पेटेंट कार्यालय

एकसूच तथा अभिकल्प

कलकत्ता, बिनांक 8 अगस्त 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडरी इस्टेट,  
तीसरा तल, लोवर परले (पश्चिम),  
मम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोजा, दमन तथा  
दिव एवं दादरा और नागर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप  
मिनिक्काय तथा अमिनिचिव द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतसीय कार्यालय,  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अविशेष क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या यहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुमूर्चित बैंक से नियंत्रण को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

## CORRIGENDUM

In the Gazette of India part III, sec. 2, dated the 9th July, 1988 :—

(a) In page 644, col. 2, for application for patent No. 427/Mas/85 filed on June 11, 1985 read its accepted No. as 162807 instead of 162087.

(b) In page 645, col. 2, for application for patent No. 292/Mas/86 filed on April 18, 1986 read its accepted No. as 162810.

(c) In page 646, col. 1, for application for patent No. 344/Cal/83 filed on March 23, 1983 read its accepted No. as 162811.

In the Gazette of India part III, sec. 2, dated the 16th July, 1988 :—

(a) In page 663, col. 2, for application for patent No. 501/Del/81 filed on August 07, 1981 read its accepted No. as 162851.

(b) in page 666, col. 2, for application for patent No. 110/Del/85 filed on February 12, 1985 read its accepted No. as 162853.

(c) In page 667, col. 1, for application for patent No. 123/Del/85 filed on February 14, 1985 read its accepted No. as 162855.

(d) In page 679, col. 1, for application for patent No. 158/Del/85 filed on February 27, 1985 read its accepted No. as 162896.

In the Gazette of India part III, sec. 2, dated the 30th July 1988 :—

(a) In page 732, col. 2, read the application of Patent No. 434/Cal/84, filed on June 21, 1984 (163022) as VEB etc. instead of BEB etc.

(b) In page 733 col. 1, for application for patent No. 726/Cal/85, filed on October 14, 1985 read its accepted No. 163024 as 163023.

In the Gazette of India part III, sec. 2, dated the August 13, 1988 :—

(a) In page 786 col. 1, for application for patent No. 296/Del/85 filed on April 9, 1985 read its accepted No. as 163109.

(b) In page 791 col. 2, for application for patent No. 354/Mas/86 filed on May 6, 1986 read its accepted No. as 163126.

In the Gazette of India part III, sec. 2, dated the August 20, 1988 :—

(a) In page 816 col. 1, for application for patent No. 572/Del/81 filed on September 7, 1981 read its accepted No. as 163170.

(b) In page 851 col. 2, for application for patent No. 20/Bom/87 filed on January 27, 1987, read its accepted No. as 163261.

In the Gazette of India part III, sec. 2, dated the September 10, 1988 :—

In page No. 912, col. 2, for application for patent No. 780/Cal/84 filed on November 13, 1984 read 153352 as 163352.

In the Gazette of India part III, sec. 2, dated the September 17, 1988 :—

(a) In page 93 col. 2, for application for patent No. 347/Del/85 filed on January 23, 1985 read the accepted No. as 163396.

(b) In page 936, col. 1, read the accepted No. 163402 as 163403.

In col. 2, on the same page read the application No. 48/Cal/85 filed January 25, 1985.

(c) In page 938, col. 2, for application for patent No. 750/Del/82 filed on October 12, 1982 read its accepted No. as 163411.

(d) In page 944, col. 2, for application for patent No. 1049/Mas/84 filed on December 28, 1984 read its accepted No. as 163428.

(e) In page 945, col. 1, for application for patent No. 487/Mas/86 filed on June 24, 1986 read accepted No. as 163430.

#### THE PATENT OFFICE

Calcutta, the 8th August 1992

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent branch are the dates claimed under section 135, of the Patents Act, 1970.

The 23rd June 1992

446/Cal/92 Eaton Corporation, Diffuse Secondary Emission Electron Shower.

447/Cal/92 Puliti Gomma Sas and Umberto Puliti. Insert for puncture-proof tubulars tires and Process for its manufacture.

The 24th June 1992

448/Cal/92 Santanu Roy. Process for preparing rigid, Semi-Rigid or elastomeric foams using industrial waste materials and articles made therewith.

449/Cal/92 Merichem Company Pyrolysis of naturally occurring cresylic acid mixtures.

The 25th June 1992

450/Cal/92 Jagdish Prasad Bhalotia. Oil based cement paint for all surfaces water and rust proof.

451/Cal/92 Westinghouse electric corporation. Improvements in or relating to lockable rotary handle operator for circuit breaker.

452/Cal/92 Hoechst Aktiengesellschaft. Copolymers of ethylenically unsaturated carboxylic acid esters with polyoxyalkylene ethers of lower, unsaturated alcohols as flowimproving agents for paraffin containing oils.

453/Cal/92 Sunpower, Inc. Control of stirling cooler Displacement by pulse width modulation of drive motor voltage.

454/Cal/92 Sunpower, Inc. Fluid braring system particularly for a free piston stirling machine.

455/Cal/92 Sunpower, Inc. Linear Generator or motor with integral magnetic spring.

456/Cal/92 Commonwealth scientific and Industrial Research organisation and AGL Consultancy Pty. Ltd. An electronic fluid flow meter. (Convention No. PK 6693 dated 25-6-91, Australia).

457/Cal/92 Commonwealth Scientific and Industrial Research Organisation and AGL Consultancy Pty. Ltd. Mode Suppression in fluid flow measurement. (Convention No. PK 6894 dated 25-6-91, Australia).

#### APPLICATIONS FOR PATENT FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110 005

The 18th May 1992

422/Del/92 Mrs. Shashi Jain, "Multi circuit electric lighting devices such as bulbs, tubes and lamps etc.

423/Del/92 The Procter & Gamble Co., "Multi-layer female component for refastenable fastening device and method of making the same".

424/Del/92 The Procter & Gamble Co., "Nonwoven female component for refastenable fastening device and method of making the same".

425/Del/92 Anuradha Mehta & Other, "A process for the preparation of DNA encoding oxalate decarboxylase from collybia velutipes".

426/Del/92 Standipack Pvt. Ltd., "Autoclavable pouch suitable for the packaging of medical solutions".

427/Del/92 Ghanashyam Shnkar Tasgaonkar, "A radiator fan drive".

428/Del/92 The Secretary, Department of Non Convention Energy Sources, "A heating appliances".

429/Del/92 Standipack Pvt. Ltd., "Multilayered films or sheets".

430/Del/92 Standipack Pvt. Ltd., "A package for packaging of products".

431/Del/92 Prem Singh, "Mathematical Formula (Discount %)".

432/Del/92 Alla Venkata Krishna Reddy, "Prophylactic device". [Divisional date 16th September, 1988].

433/Del/92 Samsonite Corporation, Luggage case". (Convention date 20th May, 91) (U.K.).

434/Del/92 Rohm & Haas Co., "Monocarboxylic acid powder coating curing system".

435/Del/92 Ciba-Geigy AG., "Preparation of dialkyl (N-Cyanoimido) carbonates".

436/Del/92 Laboratories Del Dr. Esteve S.A., "Amino acid azetidiny substituted pyridone derivatives their preparation and their application as medications".

The 19th May 1992

437/Del/92 REA Gesellschaft Fur Recycling Von Energie Und Abfall MBH., "Processing waste materials for anaerobic digestion of the biogenic-organic constituents of the garbage, particularly of the source separated organic waste, the wet waste the residual waste and the commercial wastes".

The 20th May 1992

438/Del/92 Vangala Pattabhi., "An improved process and apparatus for production of asphaltic roofing sheets".

439/Del/92 The Lubrizol Corporation, "Two-cycle lubricant and method of using same".

440/Del/92 Imperial Chemical Industries PLC., "Preparation poly-cyclic dyes". (Convention date 14th June, 91) (U.K.).

441/Del/92 Motorola Inc., "Best site selection apparatus".

442/Del/92 The Lubrizol Corporation, "Metal overbased and gelled natural oils".

443/Del/92 Pfizer Inc., "Process for preparing a novel-3-substituted-2-oxindole derivatives". [Divisional date 27th March, 1990].

The 21st May 1992

444/Del/92 Kumar Kohli, "Domestic all in one hair cutter".

445/Del/92 Steel Authority of India Ltd., "An infrared radiation detector for monitoring stock passing over rollers in a steel manufacturing plant".

446/Del/92 Motorola Inc., "Method and apparatus for initiating communication on an assigned frequency".

The 22nd May 1992

447/Del/92 Imaje S.A., "Inks for the marking or decoration of objects such as ceramic objects".

The 25th May 1992

448/Del/92 Imperial Chemical Industries PLC., "Chemical process". (Convention date 14th June, 91) (U.K.), 13th November and 11th December 91.

449/Del/92 Wade Manufacturing Co., "Pulsator for irrigation systems and the like".

The 26th May 1992

450/Del/92 Damodar Das Gupta, "Improvements in or relating to lavatory flush".

451/Del/92 BTR Blumberger Telefon Und Relaishu Albert Metz, "Socket of plug connector for telecommunication system".

452/Del/92 Castolin S.A. "Wear resistant coating on a component and process for the production thereof".

453/Del/92 International Mobile Machines Corporation, "Radio frequency communications system".

454/Del/92 Toyo Engineering Corporation, "Heat exchanger".

455/Del/92 Motorola Inc., "Method and apparatus for establishing a communication link".

The 27th May 1992

456/Del/92 Council of Scientific & Industrial Research, "An improved process for the preparation of polycrystalline silicon ingot".

457/Del/92 James A. (Arthur) Mason, "Method and apparatus for treating water and/or wastewater".

458/Del/92 Voest Alpine Industrieanlagenbau GMBH, "A plant comprising a shaft".

459/Del/92 Lyondell Petrochemical Company, "Process for isomerizing linear olefins to isoolefins".

460/Del/92 Exxon Chemical Patents Inc., "Improved viscosity modifier polybutadiene polymers".

The 28th May 1992

461/Del/92 Alcatel Telecommunicacoes S.A., "Cell type telephone system with extended cell".

462/Del/92 AMP Incorporated, "Electrical wedge connector".

The 29th May 1992

463/Del/92 Rank Taylor Hobson Ltd., "Positional measurement". (Convention date 30th May, 91) (UK).

464/Del/92 The Lubrizol Corporation, "A composition for use as a lubricating oil additive". [Divisional date 27th December, 1988].

The 1st June 1992

465/Del/92 Avid Marketing, Inc., "Signal transmission and tag power consumption measurement circuit for an inductive reader".

466/Del/92 Pushpa Sharma, "Improved flushing cistern".

467/Del/92 Shell Internationale Research Maatschappij B. B., "Polymer process". (Convention date 3rd June, 91) (U.K.).

468/Del/92 Duracell Inc., "Battery with integral condition tester".

The 2nd June 1992

469/Del/92 Westerwaelder Eisenwerk Gerhard GMBH, "Freight container".

470/Del/92 BP Chemicals Ltd., "Process for removing acetone from a mixture comprising acetone, methyl acetate and methyl iodide". (Convention date 12th June, 1991) (U.K.).

471/Del/92 Exxon Chemical Patents Inc., "High modulus toughened polyamide composition".

The 3rd June 1992

472/Del/92 The Lubrizol Corporation, "Aqueous functional fluids".

473/Del/92 Phillips Screw Co., "Screw head with slant rib and punch for making such screw heads".

474/Del/92 Independent Scintillation Imaging Systems (ISIS) INC., "Medical diagnostic nuclear camera system".

The 4th June 1992

475/Del/92 The procter & Gamble Co., "Hair styling agents and compositions containing hydrophobic hair styling polymers".

476/Del/92 The Procter & Gamble Co., "Method of using lysophosphatidic acids for regulating skin wrinkles".

477/Del/92 The Director, Central Pulp and paper research Institute "A process of pulping of agricultural residues for the production of chemi-mechanical pulp".

478/Del/92 Sir Padampat Research Centre, "A process for the manufacture of hydrophilic polycaprolactone or its copolymers".

479/Del/92 Exxon Chemical Patents, Inc., "Living carbocationic polymerization process".

480/Del/92 Parker Pen (Benelux) B. V., "Refill unit for a writing instrument". (Convention date 14th June, 1991) (U.K.).

The 5th June 1992

481/Del/92 Shell Internationale Research Maatschappij B. V., "Process for polymer preparation". (Convention date 10th June, 91) (U.K.).

482/Del/92 Finex Handels-GMBH, "Clothing of textile fabric".

*Alteration of name under Rule 78(1) of the Patents Rules, 1972 in respect of Patents Nos. 154789 and 161022*

"THE PLESSEY COMPANY PIC has been altered as THE PLESSEY COMPANY LIMITED".

#### ALTERATION OF DATE UNDER SECTION 16

171154 Antedated to August 23, 1987.

(58/Cal/90Q)

171155 antedated to March 18, 1987.

(313/Cal/90)

171157 antedated to July 08, 1987.

(491/Cal/90)

## COMPLETE SPECIFICATION ACCEPTED

Cl. : 68 D, 68 E1

171151

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

नीचे सूचीगत विनिर्देशों की सीमित संख्यक मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (अतिरिक्त डाक चार्ज)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग-पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Int. Cl.<sup>3</sup> : H 01 H 71/00

## “A PLURAL PHASE OVERLOAD RELAY”

Applicant : EATON CORPORATION, OF 100 ERIEVIEW PLAZA, CLEVELAND OHIO 44114, UNITED STATES OF AMERICA.

Inventors : (1) MICHAEL JACOB FAJNER, (2) EDWARD ARTHUR MALLONEN, (3) JOHN JOSEPH SIEBENLIST.

Application No. 950/Cal/88 filed on November 15, 1988.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 17 Claims

A plural phase overload relay comprising a plurality of current responsive deflectors, one for each phase, which deflect in a first plane in response to current in the respective phase, an ambient compensator deflector which deflects in said first plane in response to ambient temperature, a pivot lever mounted on said ambient compensator deflector and pivotable to trip a switch, and transfer actuator means responsive to said current responsive deflectors and driven thereby to engage said pivot lever on said ambient compensator deflector and pivot said lever to trip said switch, characterized by said switch being disposed out of said first plane and being tripped by pivotal movement of said lever in a direction substantially normal to said first plane, movement of said ambient compensator deflector in said first plane imparting no pivoting movement to said pivot lever when said lever and said transfer actuator means are not engaged.

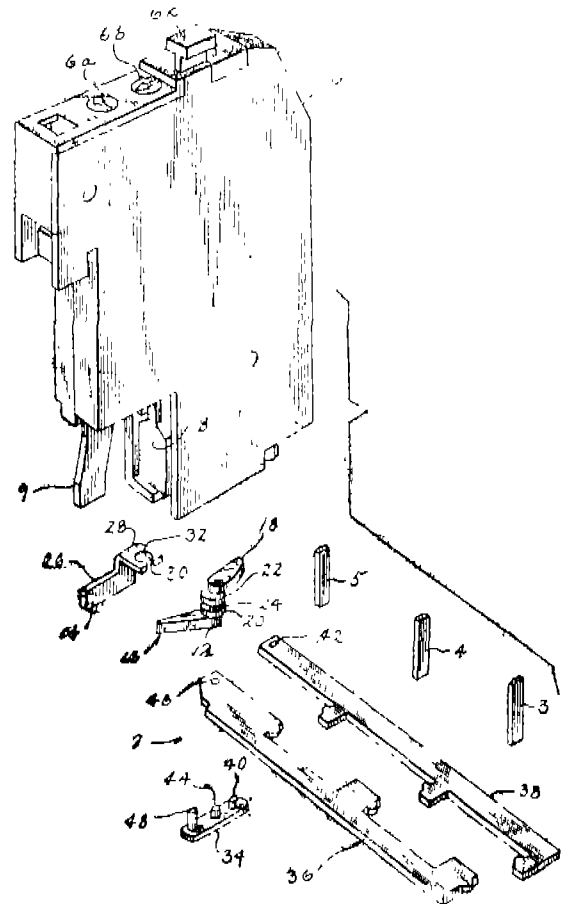


Fig. 1

(Compl. specn. 16 pages.)

Drgs. 3 sheets.)

Cl. : 149 A.

171152

9 Claims

Int. Cl. : E 02 D, 5/00.

## "CONCRETE AUGER PILE"

Applicant & Inventor : CAWAS PHIROZE NAZIR OF  
FLAT No. 1, 5A, DILKUSHA STREET, CALCUTTA-  
700017, WEST BENGAL, INDIA.

Application No. 277/Cal/89 filed on April 11, 1989.

Appropriate office for opposition Proceedings (Rule 4,  
Patents Rules 1972), Patent Office, Calcutta.

Apprecast concrete pile, called the Concrete Auger Pile (CAP) comprising of apile built in modular units with the first unit (1) comprising of hollow precast concrete shaft having concrete bulbs (2) formed in a continuous helix along its length and fitted with a steel shoe (3) having helical blades at one end and a steel and plate at the other end with the said bulbs providing greater skin frictional area for increased bearing capacity and effecting installation and based on requirement the subsequent units (8) used for lengthening similar to the first unit but without the shoe, all units being joined by welding.

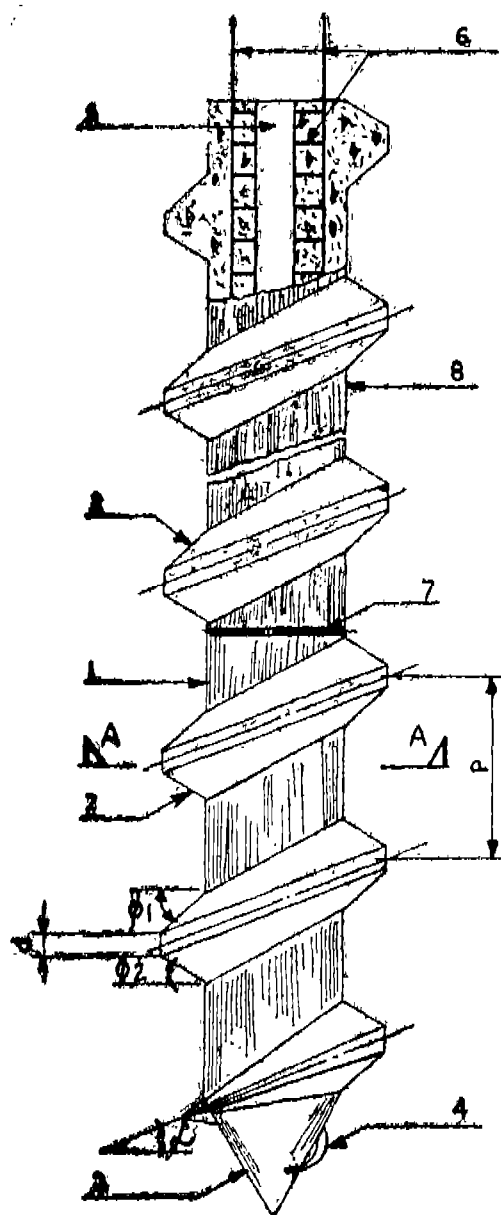


Fig. 1

(Compl. specn. 16 pages.

Drgs. 4 sheets)

Cl. : 108 C3

171153

Int. Cl. : C 21 C 1/00

## "DEVICE FOR SEPARATING SLAG AND STEEL"

Applicant : VOEST-ALPINE STAHL DONAWITZ  
GESELLSCHAFT M.B.H. OF A-8700 LEOBEN-DONAWITZ  
,PESTALOZZISTRASSE 128, AUSTRIA,

Inventors : (1) LUZIAN POCHMARSKI (2) OTTO KOL-  
LER.

Application No. 435/Cal/1989, filed on June 05, 1989.

Appropriate office for opposition Proceedings (Rule 4,  
Patents Rules 1972), Patent Office, Calcutta.

## 9 Claims

Device for separating slag and steel in continuous melting processes, characterized in that a separator (15), which is separate from the melting receptacle, is arranged between a receiving ladle (4) and the taphole of the melting receptacle (12) and has its entry part (2) connected to the taphole of the melting receptacle (12), in particular arranged below the taphole, in that the entry part (2) is separated by a wall (6)

being submerged into the separator, in particular by a fluke, from a collecting chamber (5) for the molten bath and has a slag drain (7), in that the bottom edge of the wall (6) or, respectively, of the fluke is located within the entry part at a lower level than the slag drain (7) on the entry part (2), in that the collecting chamber (5) has a taphole or, respectively, a discharge chute (20) for the molten bath and in that at least part of the collecting chamber (5) is provided with heating means (18).

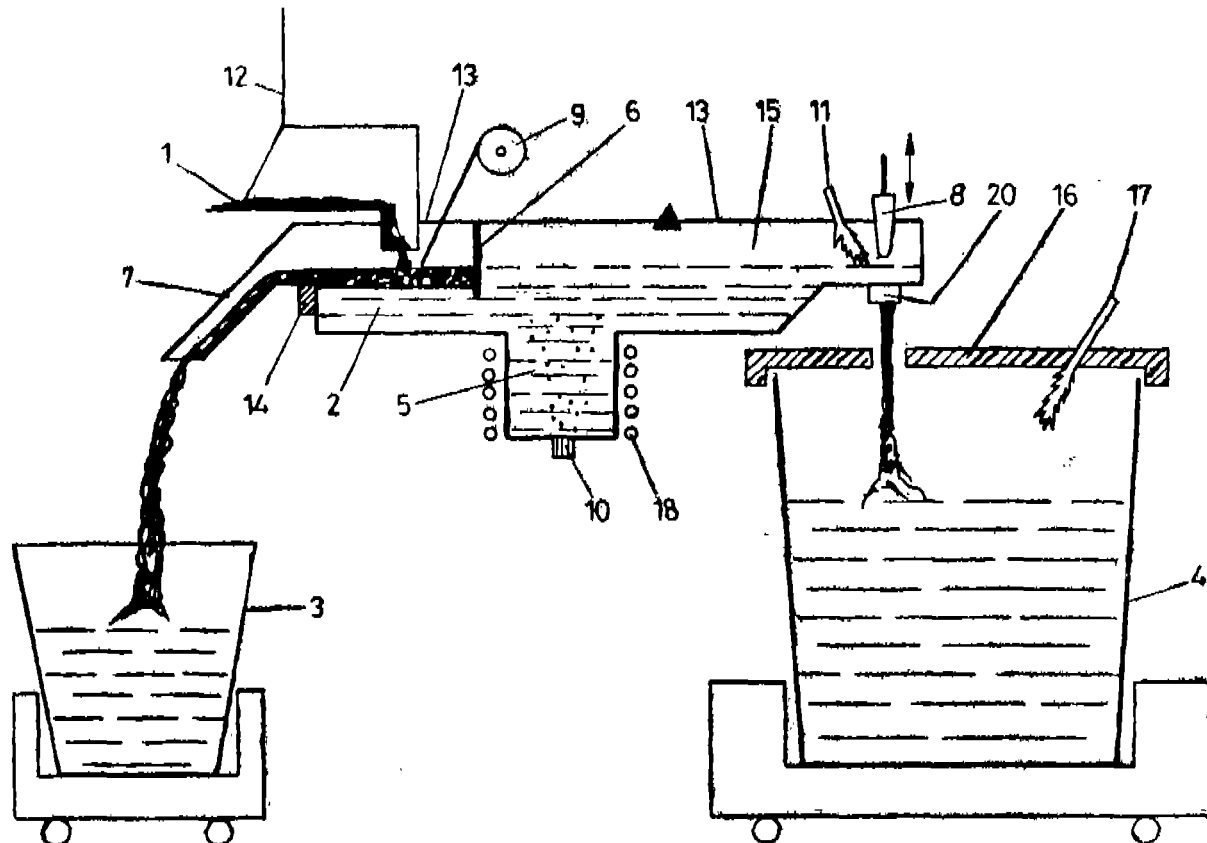


Fig. 1

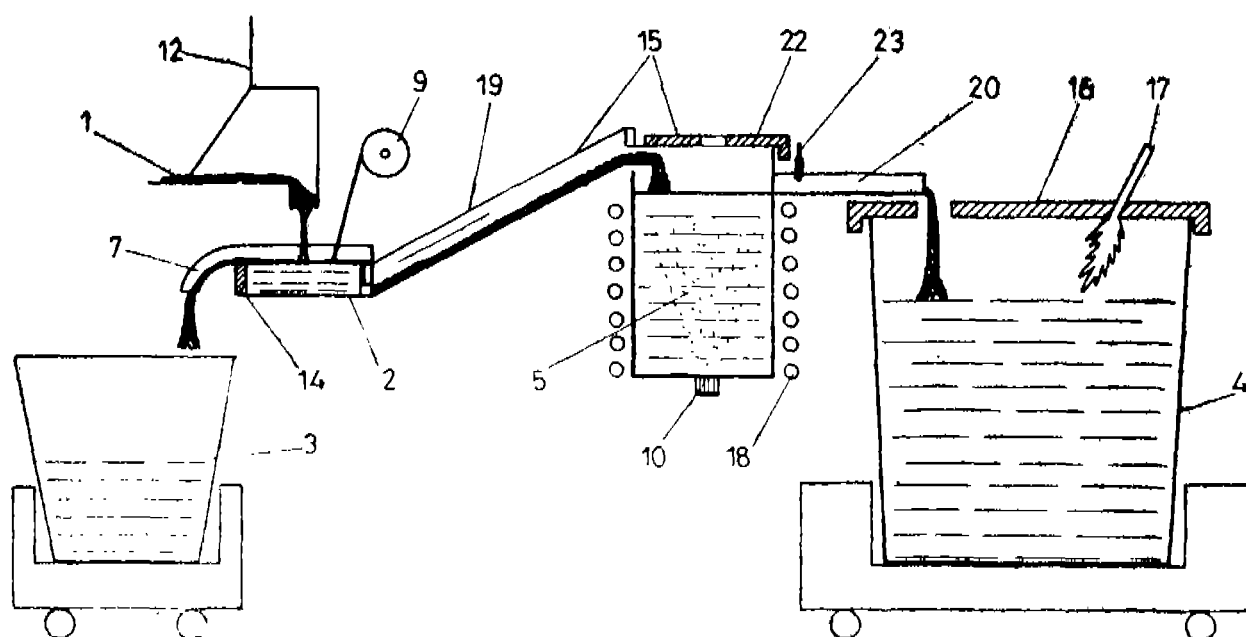


Fig. 3

Cl.: 55 E 1

171154

Int. Cl.: A 61 K 39/00.

**"A METHOD OF PRODUCING AN IMPROVED VACCINE"**

Applicant: EMORY UNIVERSITY, OF 1380 SOUTH OXFORD ROAD, ATLANTA, GEORGIA 30322, UNITED STATES OF AMERICA.

Inventor: (1) ROBERT HUNTER.

Application No. 58/Cal/90, filed on January 22, 1990.

Divided out of No. 756/Cal/87, antedated to 23-08-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972). Patent Office, Calcutta.

## 6 Claims

A method of producing an improved vaccine which comprises suspending in an aqueous medium, purified flagella as herein described, which has been conjugated to an antigen by a method as herein described, and adding to the suspension so obtained upto 5.0 mg of an adjuvant which is a block copolymer comprising a polymer of hydrophilic polyoxyethylene built on an ethylene diamine initiator and polymer of hydrophilic polyoxypropylene.

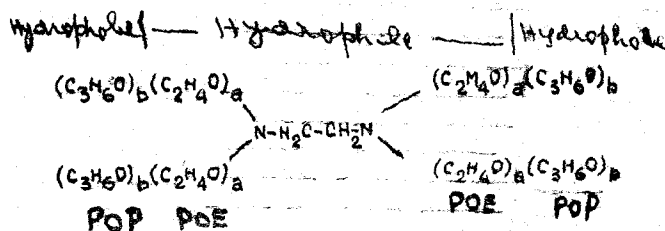


Fig. 4

(Compl. Specn. 25 pages.)

Drgns. 4 sheets)

Cl.: 144 E 6

171155

Int. Cl.: C 09 C 1/24, 1/62, 3/00.

**"PROCESS FOR THE PREPARATION OF COLOURED PLATELETSHAPED PIGMENTS CONTAINING IRON OXIDE"**

Applicant: MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG OF D-6100 DARMSTADT, FRANKFURTER STRASSE 250, FEDERAL REPUBLIC OF GERMANY.

Inventors: (1) FRANZ KLAUS-DIETER, (2) AMBROSIUS KLAUS, (2) KNAPP AUGUST and (3) BRUCKNER HANS-DIETER.

Application No. 313/Cal/90 filed on April 17, 1990.

[Divided out of No. 217/Cal/87 antedated to 18-03-1987].

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972). Patent Office, Calcutta.

## 5 Claims

Process for the preparation of coloured plated-shaped pigments containing iron oxide with lustrous layers which can exhibit the interference colour of thin platelets, characterized in that a platelet-shaped substrate coated with a smooth homogeneous layer of  $Fe_2O_3$  in a manner which is known per se. is treated with a reducing agent such as herein described of a temperature above 100°C.

(Compl. Specn. 15 pages.)

Drgns. Nil)

Cl.: 55 A

171156

Int. Cl.: A 01 N 47/46.

**"METHOD FOR PREPARING GERM DESTROYING SOLUTIONS"**

Applicant: (1) MINATO COMPANY, LTD., OF 7-1, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN, and (2) THE GREEN CROSS CORPORATION, OF 3-3, IMABASHI 1-CHOME, CHUO-KU, KSAKA-SHI, OSAKA, JAPAN.

Inventors: (1) CHIAKI OHAMA, and (2) KEISUKE KATO.

Application No. 448/Cal/90 filed on May 28, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972). Patent Office, Calcutta.

## 7 Claims

A method for preparing a vapour generating germ destroying solution supported on a substrate comprising dissolving an isothiocyanate such as herein described in an oily liquid such as herein described in a proportion of 0.01-50 per cent by weight concentration, said oily liquid having a vapor pressure of 2mm Hg or less at 30°C, and impregnating the solution into the substrate.

(Compl. specn. 40 pages.)

Drgns. 3 sheets)

Cl.: 122.

171157

Int. Cl.: B 03 C 3/40.

**"CORONA DISCHARGE ELECTRODES"**

Applicant: METALLGESELLSCHAFT AKTIENGESELLSCHAFT OF REUTERWEG 14, D-6000, FRANKFURT AM MAIN, WEST GERMANY.

Inventors: (1) GEORG LELUSCHKO, (2) WILLI MICHLER, and (3) HERMANN KOY.

Application No. 491/Cal/90 filed, on June 12, 1990.

[Divided out of No. 524/Cal/87 antedated to 08-07-1987].

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office, Calcutta.

## 6 Claims

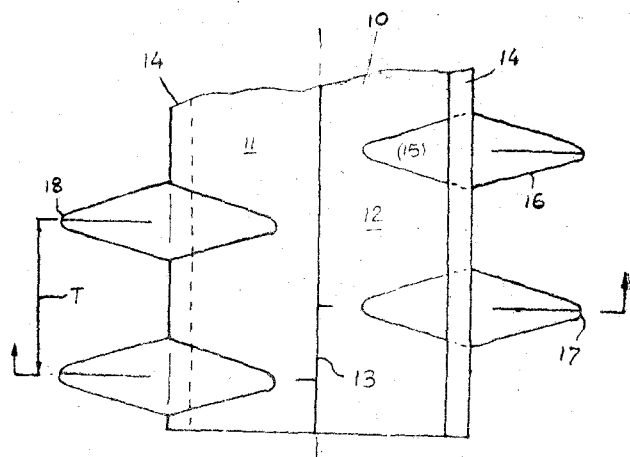
A self-supporting mast corona-discharge electrode for use in a dust-collecting electrostatic precipitator having gas-passageway forming plate collecting electrodes, said self-supporting mast corona-discharge electrode comprising:

an elongated metal strip of constant width over its entire length, of nonplanar cross-section and bent to have portions lying out of a median plane so that said strip is intrinsically resistant to bending transverse to said median plane, said strip being formed with:

generally triangular lugs, said lugs being space equidistantly from one another by a predetermined longitudinal spacing, and said lugs being cut out of the strip on opposite sides of a transverse plane perpendicular to said median plane and bent outwardly away from said transverse plane to lie generally in said median plane and form generally triangular flags projecting outwardly from said strip adjacent generally triangular cutouts from which said lugs are bent, said flags being spaced from one another by a predetermined longitudinal spacing, and said triangular flags having outermost projecting portions, said outermost portions of said flags constitute corona discharge tips, which are disposed on different levels on opposite sides of said median plane, the generally triangular flags on opposite sides of said transverse plane being longitudinally offset from one another by about one-half the longitudinal spacing between the flags on each side of said transverse plane; which strip has edge strips which have the same width and have been mutually oppositely flanged from a narrow central strip to form edge heads having centers and anices, in which the centers of the edge heads lie on an axis of symmetry that is at right angles to the central strip, said



narrow central strip having predetermined width; wherein said approximately triangular lugs have been bent from the edge strips in such a manner that they constitute said flags which extend outwardly in the median plane which is a plane of symmetry from the apices of the edge beads.



Compl. specn. 17 pegs,

Drgs. 2 sheets.

Cl.: 32 F 3 (b)

171158

Int. Cl. C 07 C 53/128, 53/132.

**"A PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE (R OR S)  $\alpha$ -ARYL-PROPIONIC ACIDS NON-CHIRAL  $\alpha$ -ARYLACRYLATES.**

Applicant: ICI INDIA LIMITED, OF ICI HOUSE, 34 CHOWRINGHEE ROAD, CALCUTTA-70001, WEST BENGAL INDIA.

Inventors: (1) DR. ASHOK KUMAR, (2) DR. SUNEEL YASHWANT DIKE (3) RANJAN VAMAN SALUNKHE & (4) RAMKRISHNA APPAJI RANE

Application No. 529/Cal/90, filed on June 26, 1990.

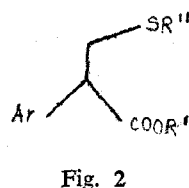
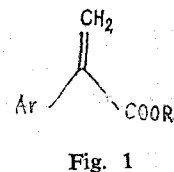
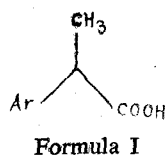
Appropriate office for opposition Proceedings (Rule 4, Patents Rule 1972) Patent Office Calcutta.

#### 6 Claims

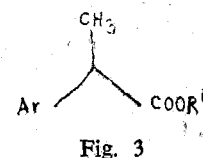
A process for the preparation of (R-or S)  $\alpha$ -arylpropionic acids of the formula I shown in the drawings accompanying the provisional specification consisting of the following steps.

- (i) reacting an aryl thiol of the formula  $R''SH$ , wherein  $R''$  is phenyl, p-t-butyl, B-naphthyl or  $C_1$ - $C_{14}$  alkyl with an  $\alpha$ -arylacrylate of the formula shown in fig. 1 of the drawings accompanying the provisional specification in presence of a chiral catalyst such as quinine, quinidine, cinchonidine, cinchonine or brucine or naturally occurring amino acid derivative such as L-proline or 4-hydroxy-L-proline and a solvent such as benzene, toluene, xylene, 1, 4-dioxane, diethylether,  $CCl_4$ ,  $CH_2Cl_2$  or  $CHCl_3$  at  $0^\circ$  to  $100^\circ C$ , the ratio of the  $\alpha$ -aryl acrylate of the formula shown in Fig. 1 to the chiral catalyst 0.5-5% by weight to given predominantly R- or S-enantiomers of corresponding thiol addition products of the formula shown in Fig. 2 of the drawings accompanying the provisional specification wherein Ar,  $R'$  and  $R''$  are as described above;
- (ii) desulphurising the thiol addition products of the formula shown in Fig. 2 with Raney Nickel in a solvent such as methanol, ethanol, isopropanol, t-butanol or dioxane at  $50^\circ$  -  $120^\circ C$ , or with  $Li-NH_3$  in a solvent such as ether di-ox ane, dimethoxy ethane or tetrahydrofuran (THF) to give the corresponding  $\alpha$ -arylpropionate of the formula shown in Fig. 3 of the accompanying drawing, wherein Ar and  $R'$  are as defined above; and

- (iii) hydrolysing the  $\alpha$ -arylpropionate of the formula shown in Fig. 3 with an aqueous acid such as HCl,  $H_2SO_4$  or AcOH HCl at  $80$  to  $110^\circ C$  to give the  $\alpha$ -aryl propionic acid of the formula I.



(Compl. Specn. 11 pages  
(Prov. 5 Pages



Drgs. 1 sheet)  
Drgs. 16 sheets)

Cl.: 32 F2

171159

Int. Cl.: C07D 233/54

**PROCESS FOR PRODUCING AN IMIDAZOLIDINE DERIVATIVE.**

Applicant: ISHIHARA SANGYO KAISHA LTD., OF 3-22, EDOBORI 1-CHOME, NISHI-KU, OSAKA, JAPAN.

Inventors: (1) TAKAHIRO HAGA, (2) TADAAKI TOKI, (3) TORU KOYANAGI, (4) MASATO OMATS-U, (5) HIROSHI SASAKI, (6) MASAYUKI MORITA, AND (7) KIYOMITSU YOSHIDA.

Application No. 1060/Cal/1990 filed on 26th December, 1990.

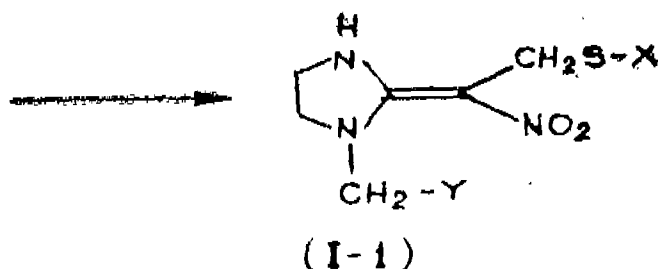
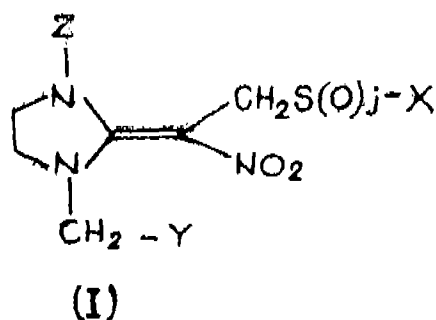
Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

#### 2 Claims

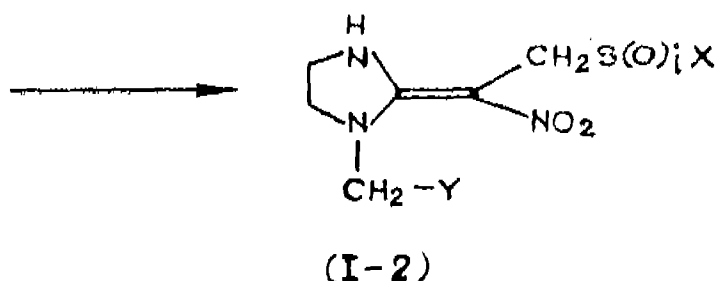
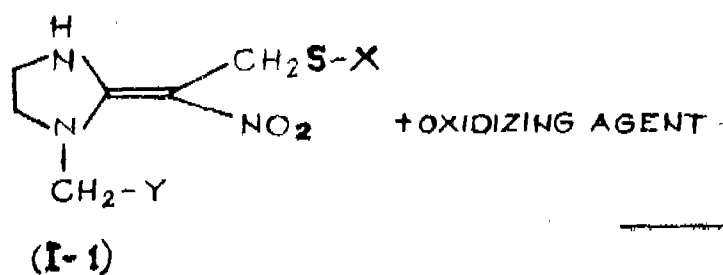
A process for producing an imidazolidine derivative having the formula (I-1) or its salt:

wherein X is an alkyl group which may be substituted, an alkenyl group which may be substituted, an alkynyl group which may be substituted, a group of formula (1)

(in which each of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is independently a hydrogen atom or an alkyl group;  $R^5$  is an alkyl group which may be substituted with a halogen atom, a cycloalkyl group which may be substituted or a phenyl group which may be substituted; W is an oxygen atom or a sulfur atom; and each of k, l, m and n is independently an integer of 0 or 1, provided that (a) case where all of k, l and m are 0 at the same time and (b) case where m and n are 0 at the same time and  $R^5$  is an alkyl group which may be substituted with a halogen atom, are excluded), or a group of formula (II) (in which each of  $R^6$  and  $R^7$  is independently a hydrogen atom or an alkyl group; each of  $R^8$  and  $R^9$  is independently an alkyl group  $R^{10}$  is an alkyl group which may be substituted, an aryl group which may be substituted, a pyridyl group which may be substituted, an alkenyl group which may be substituted with a halogen atom or an alkynyl group which may be substituted with a halogen atom); and Y is a 6-chloro-3-pyridyl group or a 2-chloro-5-thiazolyl group; which comprises reacting a compound having the formula 'F' wherein Y is as defined above, in a solvent such as herein described with formaldehyde and a compound having the formula X-SH (wherein X is as defined above), at a temperature generally from  $20$  to  $120^\circ C$ , preferably  $40$ - $100^\circ C$ , for a period of 0.5 to 6 hours.



### REACTION - P.



### REACTION - Q.

Compl. Specn. 44 pages.

Drgs. 5 sheets.

Cl.: 128 A, 34 B

171160

Int. Cl.: A61F 13/00

PROCESS FOR PREPARING A STORAGE STABLE, NON-IRRITATING AND THERAPEUTIC NEUTRALIZED OXIDIZED CELLULOSE PRODUCT.

Applicant: JOHNSON & JOHNSON MEDICAL, INC., OF ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, N.J. 08933, UNITED STATES OF AMERICA.

Inventors: (1) LOWELL SAFERSTEIN, (2) STEPHEN WOLF, (3) LOLA KAMP, (4) CARY LINSKY AND (5) DAVID WISEMAN.

Application No. 5/Cal/91 filed on 1st January, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

#### 14 Claims

A process for preparing a storage stable, non-irritating and therapeutic neutralized oxidized cellulose product comprising the steps of:

contacting an acidic oxidized cellulose material such as herein described with an alcohol and water solution of a slightly basic chloride-free salt of a weak acid selected from the group consisting of sodium acetate, potassium acetate, sodium citrate, sodium formate, potassium citrate, potassium formate, disodium hydrogen phosphate, dipotassium hydrogen phosphate and mixtures thereof to elevate the pH of said cellulose material to between 5 and 8;

washing the said pH cellulose material with alcohol to remove excess salt and water therefrom; and

drying the cellulose material in a manner such as herein described to remove alcohol to get the desired product.

Compl Specn. 44 pages.

Drg. Nil.

Cl.: 15-B-[GROUP—LIV(1)]

171161

Int. cl.: F 16 C 35/12

A BEARING MOUNTING FOR HIGH SPEEDS OF ROTATION.

Applicant: MASCHINENFABRIK RIETER AG., OF WINTERTHUR, SWITZERLAND, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND.

Inventors: (1) REINHARD ROHRER, (2) HENRI BURKI, (3) JURG BISCHOFBERGER AND (4) RAYMOND FREY.

Application No. 178/Mas/88 filed on March 21, 1988.

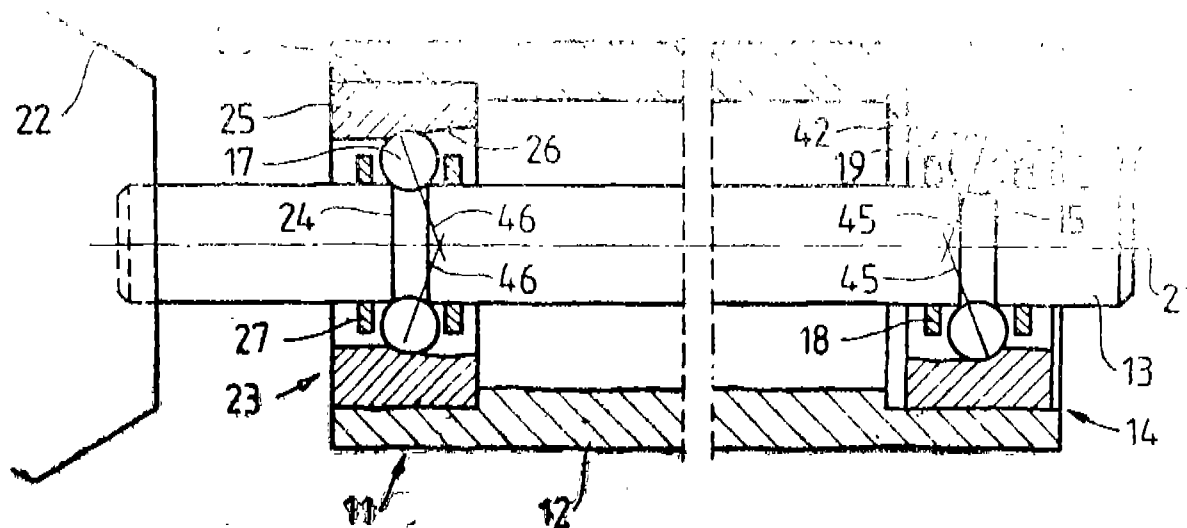
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

#### 6 Claims

A bearing mounting for high speeds of rotation comprising a casing; a shaft rotatably mounted therein having a first track and a second track for the balls of a first ball bearing and a second ball bearing; a closed first ball cage associated with the first ball bearing and a closed second ball cage associated with the second ball bearing; a first outer race associated with the first ball bearing and a second outer race associated with the second ball bearing, each said first and second outer races being disposed in a respective first hollow cylindrical seat and second hollow cylindrical seat coaxial to the rotational axis of the mounting and formed by the

said casing, characterised in that at least the first ball bearing is a radial separable ball bearing and the first outer race being secured in a first seat in a non-biased manner, having a longer axial length than the first outer race and defining a sliding

seat, and the dimensions of the first seat and the first race being such that the first race prior to being secured in the first seat, is effortlessly slidable in the sliding seat in the axial direction of the lengthwise axis of the said casing.



(Compl. Specn. 14 pages.

Drgs. 2 sheets.)

Ind. Class 172 B [GROUP-XX]

171162

Int. Cl. G 06 F-11/00, D 01 H 13/14, & G 05 B 11/00.

"A MACHINE WITH NUMBER OF PROCESSING STATIONS".

Applicant: MACHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF CH-8406 WINTERTHUR, SWITZERLAND.

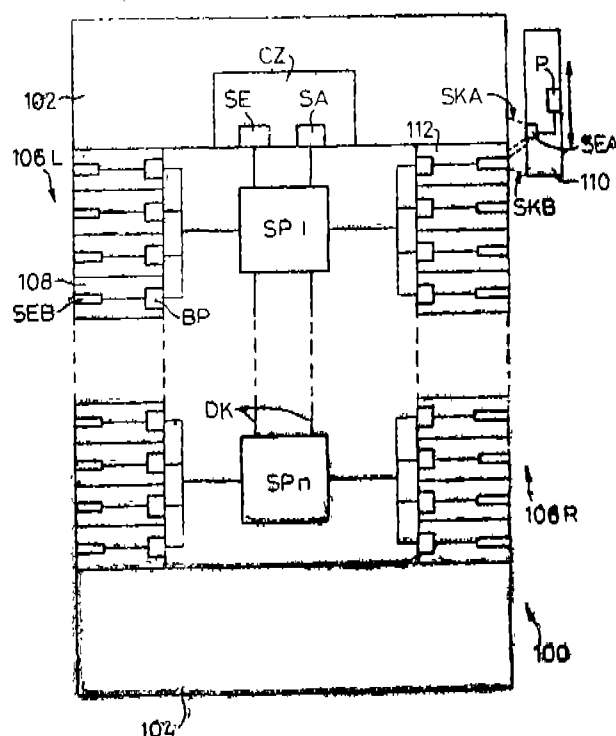
Application No. 224/MAS/88 filed on 7th April, 1988.

Inventors : (1) MARKUS ERNI  
(2) DR. URS MEYER

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

9 Claims

A Machine with number of processing stations comprising a plurality of material-processing stations each having a control means; transmitting means for transmitting information between said control means and said material-processing stations; at least one tender for making predeterminate interventions at any one of the said material-processing stations; said tender and said material-processing stations being relatively movable with respect to one another; and means for exchanging information between said tender and the said control means at said material-processing stations when said tender and said material-processing stations are in a predetermined relationship to one another, for said predeterminate interventions by said tender at any one of the said material-processing stations.



(Complete specification 39 pages;

Drawing 3 sheets.)

Ind. Class : 179-F [GROUP-XL(6)]

171163

Int. Cl.<sup>4</sup> : B 65 D 41/04

B 67 D 1/16

**A SELF DRAINING CONTAINER AND A METHOD AND APPARATUS FOR MANUFACTURING THE SAME**

Applicant : OWENS-ILLINOIS PLASTIC PRODUCTS INC., OF ONE SEAGATE TOLEDO, OHIO 43666, UNITED STATES OF AMERICA, A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : THOMAS J. KRALL

Application No. 273/MAS/88 filed April 28, 1988.

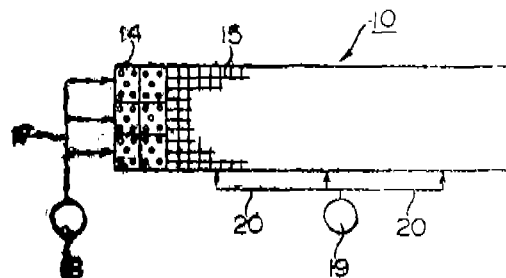
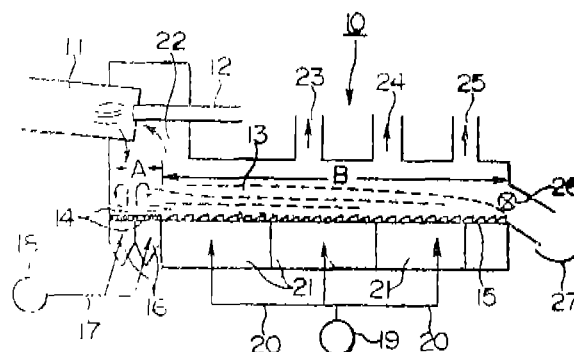
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**11 Claims**

A self-draining container comprising; a) a body portion for containing fluids; b) a neck formed integrally with and extending upwardly from said body portion, said neck defining an opening, said neck having a predetermined diameter; c) a dispensing spout formed integral with and at least partially encircling said neck and extending upwardly therefrom, said spout having an upper end over which fluids flow upon dispensing from the container, the diameter of said dispensing spout being approximately equal to or greater than such neck diameter; d) an annular wall encircling said spout in spaced relation thereto; e) connecting means for connecting said annular wall to said neck, said connecting means forming with said annular wall and dispensing spout a channel for receiving fluids draining from said dispensing spout when the container is moved from an inverted dispensing position to an upright storage position; and (f) means through which fluids may flow from said channel to said body portion when the container is upright.

(Comp. Specn. 15 pages;

Drwgs.-2 sheets each of size 33.00 cms. by 41.00 cms.)



(Comp. Specn. 15 Pages;

Drwgs. 2 Sheets.)

Ind. Class : 69 E&amp;I [GROUP-LIX(1)]

171165

Int. Cl.<sup>4</sup> : H 01 H 15/00**A MEDIUM VOLTAGE ROTARY SWITCH.**

Applicant : MERLIN GERIN, A FRENCH COMPANY RUE HENRI TARZE-OFF 38050 GRENOBLE CEDEX, FRANCE.

- Inventors : (1) GUIDO COLLEONI  
(2) BERNARD BOUVET  
(3) RICHARD JACOLIN  
(4) JACQUES GAILLARD  
(5) ROBERT VOLSJ  
(6) GEORGES BERNARD

Application No. 418/MAS/88 filed June 20, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**10 Claims**

A medium voltage rotary switch comprising a sealed enclosure (10), having an internal periphery, two stationary contacts (14, 16) fixed at diametrically opposed points of said periphery, a contact bridge having ends arranged as movable contacts (30, 32), each capable of cooperating with one of said stationary contacts (14, 16) to form a pair of contacts, a rotating operating shaft (22) supporting said contact bridge, for selectively occupying a closed position in which the two pairs of contacts (14, 30; 16, 32) are closed and an open position in which the two pairs of contacts are open, at least one of the contacts of one of said pairs having a migration track (42) of the root (48, 50) of an arc (44, 46) drawn when the pair of contacts opens, said track extending in the opposite direction from the other contact of said one of said pairs and having a hidden location to enable the arc root and the associated hot spot to move towards said hidden location (52, 54; 58) for associating two hot spots with the two arc roots and a permanent magnet (34), securely fixed to the migration track contact, for blowing the arc root towards said hidden location (52, 54; 58) to favour arc extinction and current breaking.

Ind. Class : 85-Q&amp;J [GROUP-XXXI]

171164

Int. Cl.<sup>4</sup> : F 27 B 7/38

F 27 D 9/00

**AN IMPROVED GRATE-TYPE COOLING APPARATUS FOR COOLING CLINKER SINTERED IN A KILN.**

Applicant : ONODA CEMENT COMPANY, LTD., OF 6276, OAZA ONODA, ONODA CITY, YAMAGUCHI PREFECTURE, JAPAN, A JURIDICAL PERSON ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN.

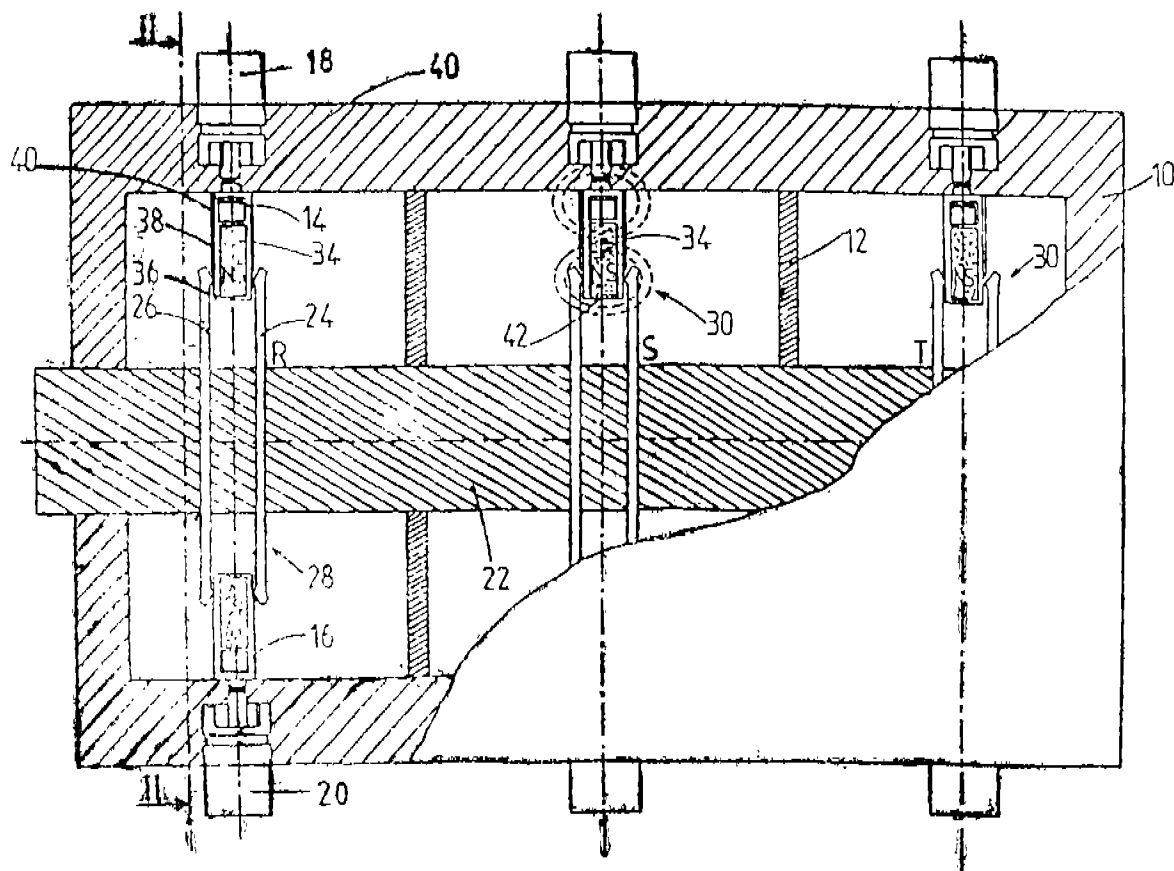
- Inventors : (1) IKUO SAITO  
(2) YUJI KAWAMURA  
(3) AKIRA NAKAMURA

Application No. 392/MAS/88 filed June 8, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**6 Claims**

An improved grate-type cooling apparatus for cooling clinker sintered in a kiln comprising a fluidizing mixing and cooling zone with a high pressure fan for fluidly mixing and cooling an entire layer of the clinker sintered in a kiln by blowing high pressure air from the high pressure fan, a grate cooling zone with a low pressure fan for further cooling of the clinker under low pressure and means to transfer the clinker from the fluidizing mixing and cooling zone to the grate cooling zone.



(Comp. Specn. 14 Pages;

Drwgs. 6 Sheets)

Ind. Class : 172 D- &amp; [XX]

171'66

Int. Cl.4 : D 01 H 13/04; 13/14

**APPARATUS FOR INTRODUCING A ROVING INTO A TEXTILE MACHINE DRAFTING FRAME.**

Applicant : MASCHINENFABRIK RIETER AG, A SWISS COMPANY, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventors : (1) WALTER SLAVIK  
(2) ARTHUR WUERMLI

Application No. 603/MAS/88 filed August 29, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**12 Claims**

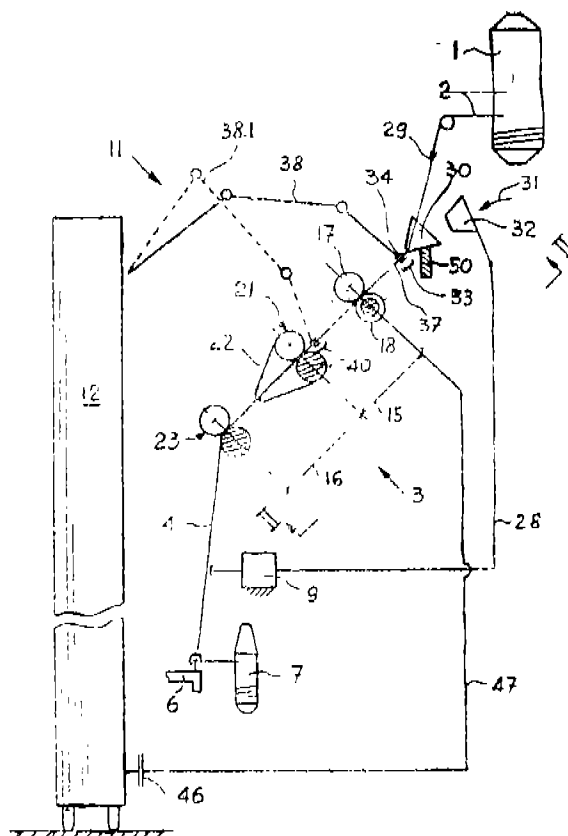
An apparatus for introducing a roving into a textile machine drafting frame comprising at least one drafting frame having a preliminary drafting zone with at least one top feed roll and a bottom feed roll and a main drafting zone;

a clamping device for positioning an end part of a roving at a reference point upstream of said drafting frame;

a sensor for emitting a signal in response to a break in the roving delivered from said drafting frame;

a robot responsive to said signal, said robot having a gripper to engage the end part of the roving at said reference point and a movable arm connected to said gripper to move said gripper between said reference point and a central discharge point immediately upstream of said main drafting zone; and

means for feeding the roving between said points to a free end face of said top feed roll.



(Comp. Specn. 18 Pages;

Drwgs. 8 Sheets).

Ind. Cl. : 172 F [GROUP XX]

171167

Int. Cl.4 : D 01 H 13/32

**APPARATUS FOR THE AUTOMATIC DETERMINATION OF THE COUNT OF A TEXTILE TEST SAMPLE.**

Applicant : ZELLWEGER USTER AG., OF WILSTRASSE 11, CH-8610 USTER SWITZERLAND, A SWISS COMPANY.

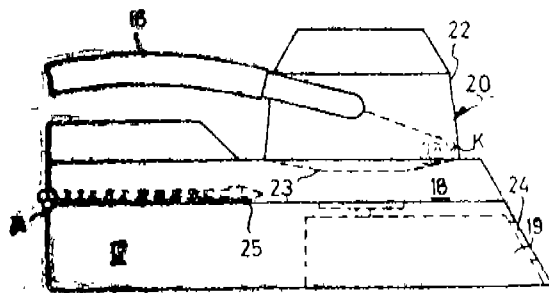
Inventor : EDUARD HEUSSER.

Application No. 622/MAS/88 filed on 6th September 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**10 Claims**

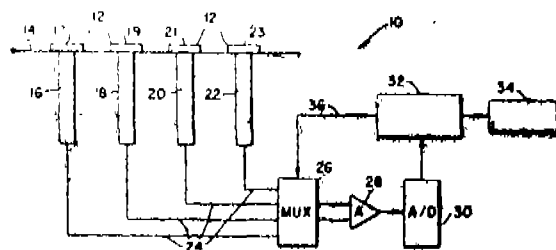
Apparatus for the automatic determination of the count of a textile test sample in the form of yarns, rovings or slivers, having a device for taking off definite lengths of the test sample from a supply, scales and an evaluation unit, characterised by forming means, for forming the test sample taken off at any time into a ball-like bundle (K), are provided in the path of the said test sample upstream of the scales (19), the said forming means has a housing (20) and a transport line (16) for the said test sample which ends in a side of this housing and actuated by compressed air, and by depositing means (23) for depositing the ball-like bundle on the said scales for measuring the weight.



(Comp. Specn. 16 Pages;

Drawing 5 Sheets.)

opposite end of said chamber, a second inlet port for introducing fluids directly said chamber, means for introducing fluid through said first inlet port for forcing fluid already present in said chamber to flow out of said chamber into said reservoir, means for preventing fluid back from said reservoir to said chamber, at least three sensor elements disposed in said housing interfacing with the fluid in said chamber located between said first inlet port end and said means for preventing fluid back-flow, two of said sensor elements being sensitive to the respective one of said two species while the third one being sensitive to both said species, and signal conveying means for conveying signals generated by said sensor elements from said housing for processing.



(Comp. Specn. 37 pages

Drwgs. 2 sheets)

Ind. Class : 127-I &amp; 129-E

171169

: [GROUPS - LXV(1) &amp; XXXV]

Int. Cl.4 : B 21 J 13/10

**A MANIPULATOR FOR MANIPULATING METAL INGOTS**

Applicant : DAVY McKEE (SHEFFIELD) LIMITED, A BRITISH COMPANY, OF PRICE OF WALES ROAD, SHEFFIELD S9 4EX, YORKSHIRE, ENGLAND.

Inventors : (1) GEOFFREY WILSON  
(2) PAUL EDWARD LISTER

Application No. 144/MAS/88 filed March 7, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**8 Claims**

A manipulator for manipulating metal ingots comprising a peel assembly having an elongate shaft with at least one jaws at one end thereof for gripping the ingot, said shaft being mounted for rotation about its longitudinal axis in a housing structure, a wheeled carriage having first and second ends spaced apart in the direction of movement of the carriage and an upstanding rigid support adjacent the second end; and means supporting the peel assembly on the wheeled carriage with the elongate shaft extending in the direction of movement of the carriage and jaws adjacent the first end, said means having a plurality of links pivotally connected to the housing structure and to the upstanding rigid support; the said supporting means for the peel assembly consists of at least one fluid operable piston-cylinder device having one part thereof connected to the said housing structure and the other part thereof connected to the said carriage adjacent the first end thereof, for raising and lowering the said housing structure relative to the said carriage by operation of the said piston-cylinder device, and said links comprise a first link and a second link positioned one on each side of the vertical plane containing the longitudinal axis of the said shaft, a third link positioned above the longitudinal axis of the said shaft and means for lengthening and shortening the said first and second links.

Ind. Class : 40-I - [GROUP - IV (1)]

171168

Int. Cl.4 : A 61 B 5/00

**A RE-USABLE CARTRIDGE FOR ANALYTICAL MEASUREMENT OF A SOLUTION CONTAINING AT LEAST TWO SPECIES.**

Applicant : MED TEST SYSTEMS INC., OF POST OFFICE BOX NO. 680, BETHESDA, MARYLAND 20817, UNITED STATES OF AMERICA, A U.S. COMPANY.

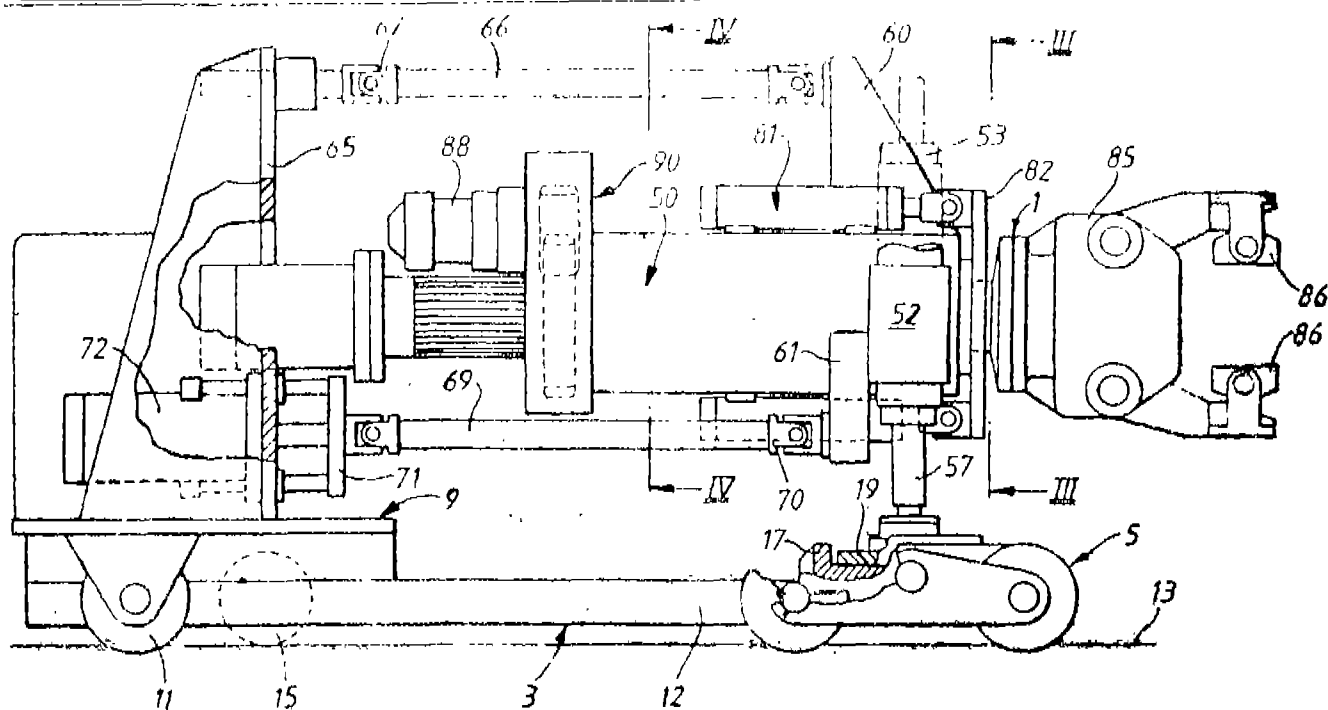
Inventor : VINODHINI GURUSWAMY

Application No. 43/Mas/88 filed on January 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**10 Claims**

A re-usable cartridge for analytical measurement of a solution containing at least two species comprising a housing, a test chamber disposed within said housing capable of containing a predefined volume of solution, a first inlet port in fluid communication with said chamber located near one end of said chamber, a waste reservoir of preselected volume in fluid communication with said chamber and located near the



(Comp. specn. 14 pages;

Ddwgs. - 7 sheets)

Ind. Class : 160 C [GROUP - LII (3)] 171170

127 H, I [GROUP - LXV(1)].

Int. Cl.<sup>4</sup> : B 60 K 20/10**"AN IMPROVED COMPOUND SHIFT LEVER"**

Applicant : DANA CORPORATION OF 4500 DORR STREET, TOLEDO, OHIO 43615 U S A, A CORPORATION OF THE STATE OF VIRGINIA, USA.

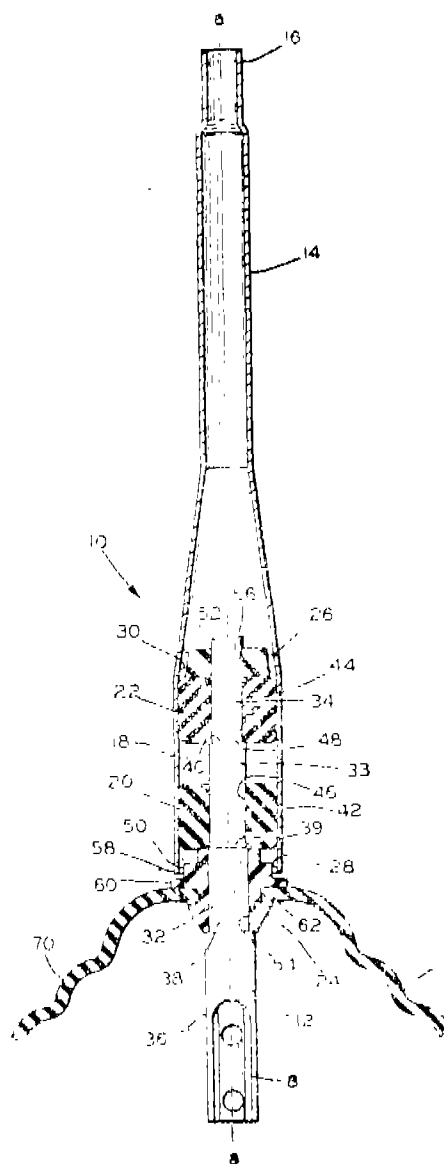
Inventor : GREG BEAMAN

Application No. 158/MAS/88 filed on March 10, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

**9 Claims**

An improved compound shift lever comprising a first elongated portion, and a second elongated portion, the said second portion defining a hollow body being partially disposed over one end of said first portion and being radially supported about said one end by coupling means, said coupling means comprising elastomer vibration absorption means secured to and radially interposed between said first and second portions; wherein said coupling means is provided with a pair of spaced rigid non-elastomer load-bearing elements, radially interposed between said first and second portions, each said load-bearing element disposed for limiting radial deflection of said absorption means under application of a radially directed external load to said second portion of said lever.



(Comp. specn. 12 pages;

Drawing 1 sheet.)

## PATENT SEALED ON

10-07-92

167003 168381 168432 168572 168573 168557 168601 168657  
 168658 168665 168671 168673 168748 168753 168797 168804  
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 169510.

Cal-27, Del-7, Mas-6 &amp; Bom-1.

\*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of sealing.

## RENEWAL FEES PAID

149104 150284 150416 150466 150484 150681 151034 151479  
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## CESSATION OF PATENTS

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 151021 151022 151023 151026 151055 151056 151057 151061  
 151068.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 165637 dated the 1st October 1985 made by Mitsubishi Denki Kabushiki Kaisha on the 1st October 1991 and notified in the Gazette of India Part III, Section 2 dated the 25th January 1992 has been allowed and the said Patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 163867. Khaitan (India) Ltd., Indian Company of 46, J. L. Nehru Road, Calcutta-700071, W.B., India. "Electric Ceiling Fan". November 27, 1991.

Class 1. No. 163902. Solid State Electronics Co. Pvt. Ltd. of Plot 9/123, Marol Co-op Industrial Estate, Marol Sag-Gaug, Bombay-400059, Maharashtra, India, Indian Company. "Press fit diode". January 8, 1992.

Class 1. No. 163999. Glynwed Engineering Ltd. of Headland House, New Conventry Road, Sheldon, Birmingham, B26 3AZ, England. "An Anchor". Priority date July 15, 1991 (UK).

Class 1. No. 164123. Crompton Greaves Ltd., Indian Company of 1 Dr. V. P. Gandhi Marg, Bombay 400023, Maharashtra, India. "Pedestal Fan". February 24, 1992.

Class 3. No. 163993. Standipack Pvt. Ltd., Indian Company of 25, Community Centre, East of Kailash, New Delhi-110065, India. "Clip". January 8, 1992.

Class 3. No. 164011. Creeks, a French Body Corporate of 37-39, Rue Pleyel-93200, Saint Denis, France. "Writing Instrument". January 15, 1992.

Class 3. No. 164122. Crompton Greaves Ltd., Indian Company, 1, Dr. V. S. Gandhi Marg, Bombay-400023, Maharashtra, India. "Pedestal Fan". February 24, 1992.

Class 3. No. 164124. Crompton Greaves Ltd., Indian Company 1, Dr. V. S. Gandhi Marg, Bombay-400023, Maharashtra, India. "Ceiling Fan". February 24, 1992.

Class 3. No. 164403. Achal Anil Bakari, Indian of 13, Sadma Society, Navrangpura, Ahmedabad-380009, Gujarat, India. "Air cooler". May 22, 1992.

Class 3. No. 164404. Achal Anil Bakari, Indian of 13, Sadma Society, Navrangpura, Ahmedabad-380009, Gujarat, India. "Fan Heater". May 22, 1992.

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 Controller General of Patents Designs  
 and Trade Marks.

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन निरीक्षक, दिल्ली द्वारा प्रकाशित, 1992

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